

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2004/001956

A. CLASSIFICATION OF SUBJECT MATTER

G 21 C 17/017 G 01 N 29/04 F 16 L 55/00

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC: G 21 C 17/017, G 01 N 29/04, G 01 N 29/22, F 16 L 55/00 USPC: 376/245, 376/249, 376/251, 376/256, 73/592

ECLA: G 01 N 29/22B, G 01 N 29/265

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used)

Canadian Patent Database, USPTO West, Questel-Orbit Pluspat
Keywords: pipe, conduit, tube, ultrasound, nuclear, reactor

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No(s).
P,Y	CA 2416275 (LAVOIE) 8 July 2004 (08-07-2004) Whole document	1
P,&Y	WO 2004/063660 (LAVOIE) 29 July 2004 (29-07-2004) Whole document	1
Y	WO 01/96808 (LAVOIE) 20 December 2001 (20-12-2001) Whole document	1

[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

* Special categories of cited documents :
"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier application or patent but published on or after the international filing date
"L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search
08 February 2005 (08-02-2005)

Date of mailing of the international search report
09 March 2005 (09-03-2005)

Name and mailing address of the ISA/CA
Canadian Intellectual Property Office
Place du Portage I, C114 - 1st Floor, Box PCT
50 Victoria Street
Gatineau, Quebec K1A 0C9

Authorized officer
Claude Plante (819) 997-1133

Facsimile No: 001(819)953-2476

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No(s).
Y	CA 1174352 (LIVINGSTON) 11 September 1984 (11-09-1984) Whole document	1
Y	CA 2097583 (LATIMER) 2 December 1993 (02-12-1993) Whole document	1
P,A	US 2004/0020298 (SIVERLING et al.) 5 February 2004 (05-02-2004) Whole document	1
A	US 6536283 (HATLEY) 25 March 2003 (25-03-2003) Whole document	1
A	US 6222897 (HATLEY et al.) 24 April 2001 (24-04-2001) Whole document	1
A	US 4331034 (TAKEDA et al.) 25 May 1982 (25-05-1982) Whole document	1
A	EP 412396 (GUGEL) 13 February 1991 (13-02-1991) Whole document	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
PCT/CA2004/001956

Patent Document Cited in Search Report	Publication Date	Patent Family Members	Publication Date
CA 2416275	08-07-2004	WO 2004/063660	29-07-2004
WO 2004/063660	29-07-2004	CA 2416275	08-07-2004
WO 01/96808	20-12-2001	CA 2411947	20-12-2001
		AU 6886101	24-12-2001
		US 6497159	24-12-2002
CA 1174352	11-09-1984	NONE	
CA 2097583	02-12-1993	CA 2070327	05-12-1992
		US 5243862	14-09-1993
		US 5359898	01-11-1994
US 2004/0020298	05-02-2004	NONE	
US 6536283	25-03-2003	US 5982839	09-11-1999
US 6222897	24-04-2001	NONE	
US 4331034	25-05-1982	DE 2933619	23-10-1980
		JP 55-134352	20-10-1980
EP 412396	13-02-1991	FI 902622D	25-05-1990